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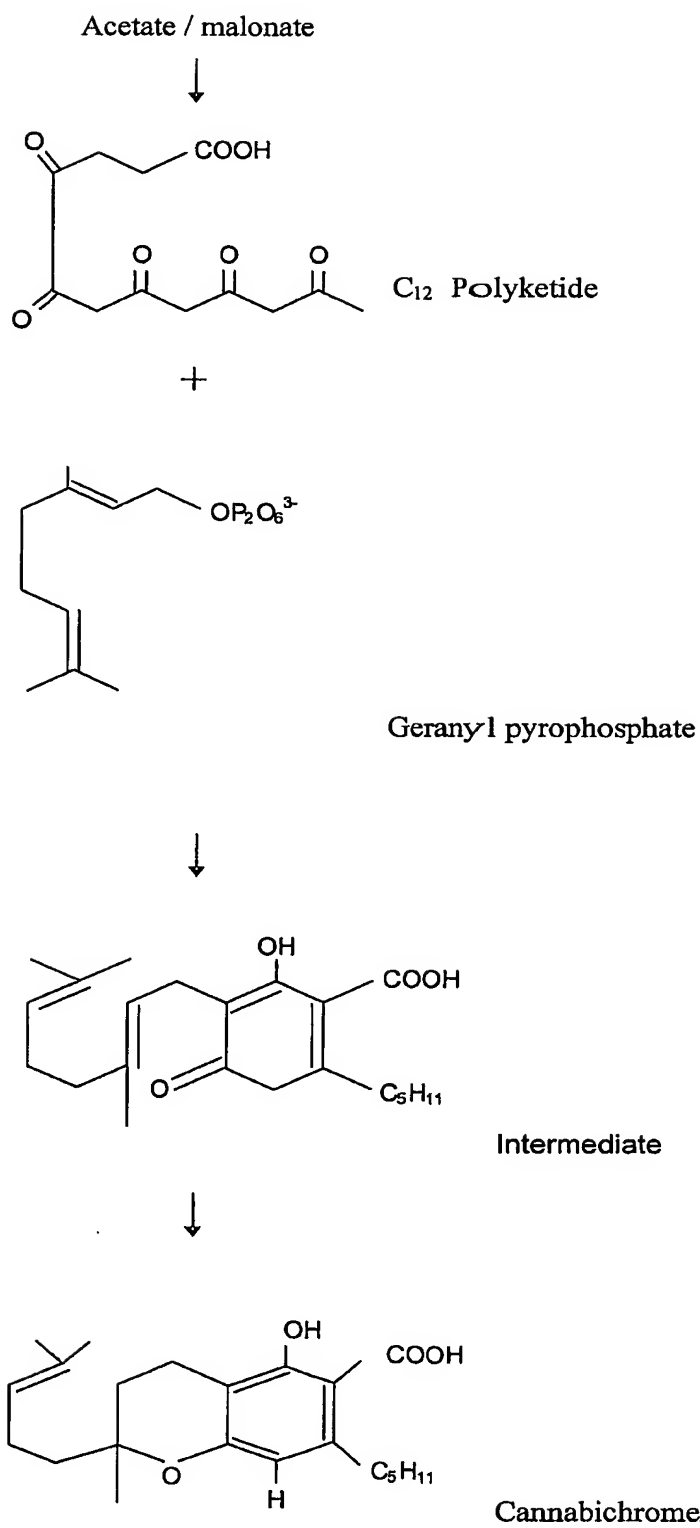


FIG. 1

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Test Article	Count	Mean	Std. Dev.	Std. Error
CBC 0mg (Control)	8	462.500	234.557	82.928
CBC 5mg	8	644.625	280.245	99.117
CBC 10mg	8	770.750	380.570	134.552
CBC 20mg	8	606.750	269.183	95.170
CBC 40mg	8	916.125	536.324	189.619
CBC 80mg	8	670.625	608.221	215.039
Imipramine 30mg	8	733.500	205.358	72.605

FIG. 2

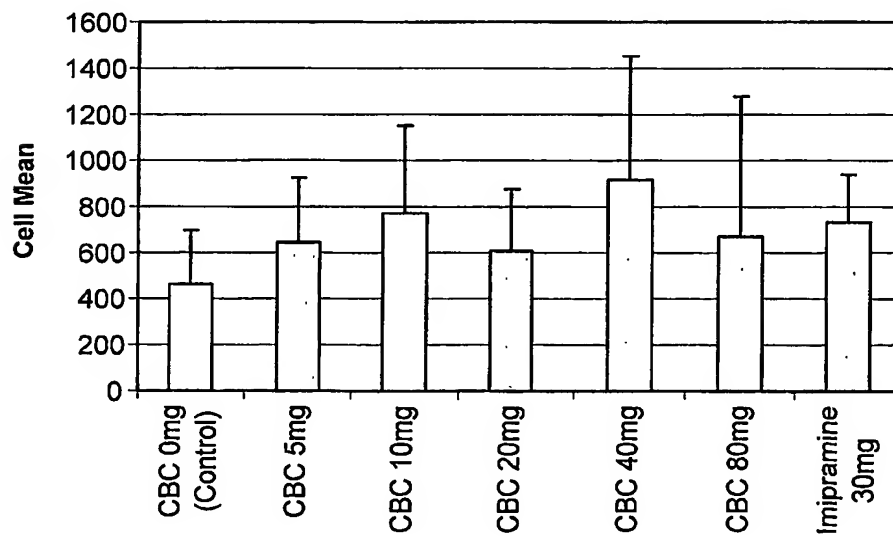


FIG. 3

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	Mean Difference	Critical Difference	P-Value
CBC 0mg; CBC 5mg	- 182.125	389.273	0.3517
CBC 0mg; CBC 10mg	- 308.250	389.273	0.1180
CBC 0mg; CBC 20mg	- 144.250	389.273	0.4600
CBC 0mg; CBC 40mg	- 453.625	389.273	0.0233*
CBC 0mg; CBC 80mg	- 208.125	389.273	0.2879
CBC 0mg; Imipramine 30mg	- 271.000	389.273	0.1681
CBC 5mg; CBC 10mg	- 126.125	389.273	0.5180
CBC 5mg; CBC 20mg	37.875	389.273	0.8458
CBC 5mg; CBC 40mg	- 271.500	389.273	0.1673
CBC 5mg; CBC 80mg	- 26.000	389.273	0.8938
CBC 5mg; Imipramine 30mg	- 88.875	389.273	0.6484
CBC 10mg; CBC 20mg	164.000	389.273	0.4013
CBC 10mg; CBC 40mg	- 145.375	389.273	0.4566
CBC 10mg; CBC 80mg	100.125	389.273	0.6076
CBC 10mg; Imipramine 30mg	37.250	389.273	0.8483
CBC 20mg; CBC 40mg	- 309.375	389.273	0.1167
CBC 20mg; CBC 80mg	- 63.875	389.273	0.7430
CBC 20mg; Imipramine 30mg	- 126.750	389.273	0.5160
CBC 40mg; CBC 80mg	245.500	389.273	0.2110
CBC 40mg; Imipramine 30mg	182.625	389.273	0.3504
CBC 80mg; Imipramine 30mg	- 62.875	389.273	0.7469

\* Statistically significant

FIG. 4

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Test Article	Count	Mean	Std. Dev.	Std. Error
CBC 0mg (Control)	8	13.334	5.755	2.035
CBC 5mg	8	18.364	9.193	3.250
CBC 10mg	8	23.962	11.374	4.021
CBC 20mg	8	31.350	6.951	2.458
CBC 40mg	8	23.853	12.195	4.312
CBC 80mg	8	30.250	16.628	5.879
Imipramine 30mg	8	23.874	12.557	4.440

FIG. 5

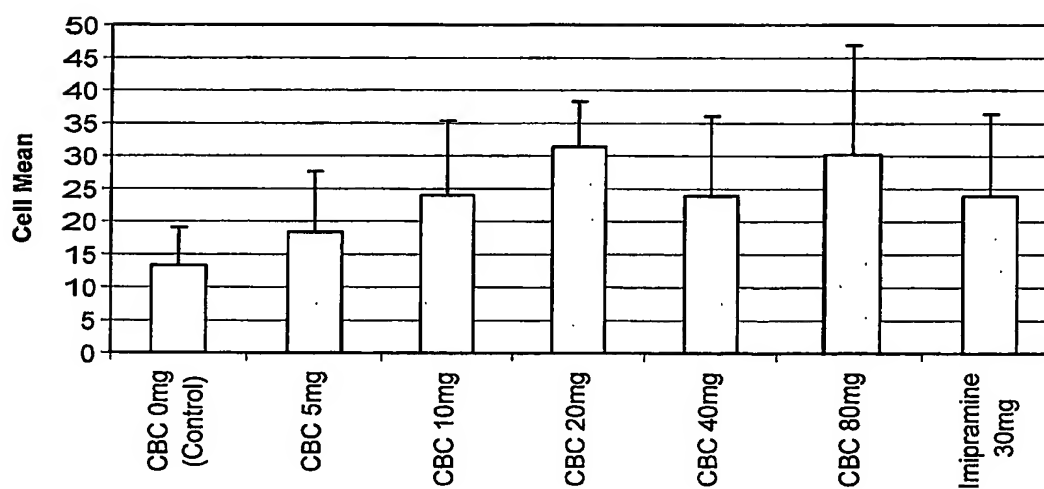


FIG. 6

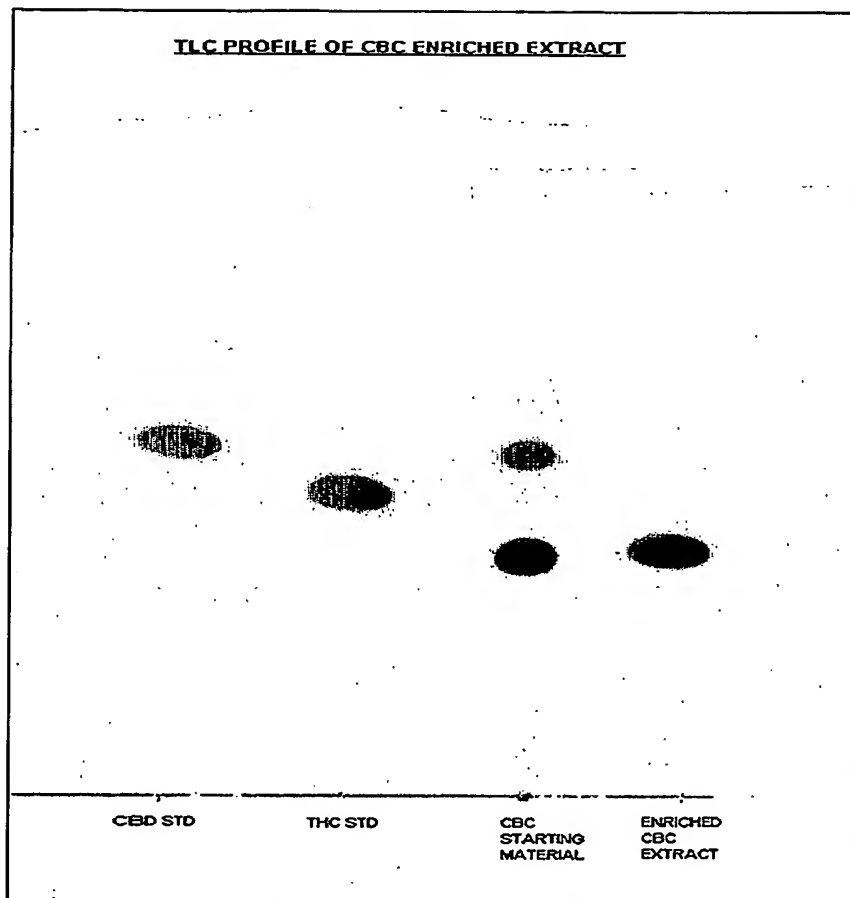
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	Mean Difference	Critical Difference	P- Value
CBC 0mg; CBC 5mg	- 5.030	11.255	0.3735
CBC 0mg; CBC 10mg	- 10.628	11.255	0.0636
CBC 0mg; CBC 20mg	- 18.016	11.255	0.0023*
CBC 0mg; CBC 40mg	- 10.519	11.255	0.0663
CBC 0mg; CBC 80mg	- 16.917	11.255	0.0040*
CBC 0mg; Imipramine 30mg	- 10.540	11.255	0.0658
CBC 5mg; CBC 10mg	- 5.598	11.255	0.3224
CBC 5mg; CBC 20mg	- 12.987	11.255	0.0246*
CBC 5mg; CBC 40mg	- 5.489	11.255	0.3318
CBC 5mg; CBC 80mg	- 11.887	11.255	0.0389*
CBC 5mg; Imipramine 30mg	- 5.510	11.255	0.3300
CBC 10mg; CBC 20mg	- 7.389	11.255	0.1932
CBC 10mg; CBC 40mg	0.109	11.255	0.9846
CBC 10mg; CBC 80mg	- 6.289	11.255	0.2670
CBC 10mg; Imipramine 30mg	0.088	11.255	0.9875
CBC 20mg; CBC 40mg	7.497	11.255	0.1868
CBC 20mg; CBC 80mg	1.100	11.255	0.8451
CBC 20mg; Imipramine 30mg	7.476	11.255	0.1881
CBC 40mg; CBC 80mg	- 6.397	11.255	0.2589
CBC 40mg; Imipramine 30mg	- 0.021	11.255	0.9970
CBC 80mg; Imipramine 30mg	6.377	11.255	0.2604

\* Statistically significant

FIG. 7

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**CHROMATOGRAPHIC CONDITIONS:**

Stationary phase: SIL G/UV<sub>254</sub>

Mobile phase: Hexane: diethyl ether 80:20

Development distance: double development.

Visualisation: 0.1% w/v Fast Blue B salt in water

Standards      1 mg/ml CBD (BN 10601/C) in MeOH  
5 ul applied to TLC plate.  
1 mg/ml d9 THC (BN 10601/B) in MeOH  
5 ul applied to TLC plate.

Samples      1 mg/ml CBC STARTING MATERIAL in MeOH  
5 ul applied to TLC plate.  
1 mg/ml ENRICHED CBC EXTRACT in MeOH  
5 ul applied to TLC plate.

**FIG. 8**

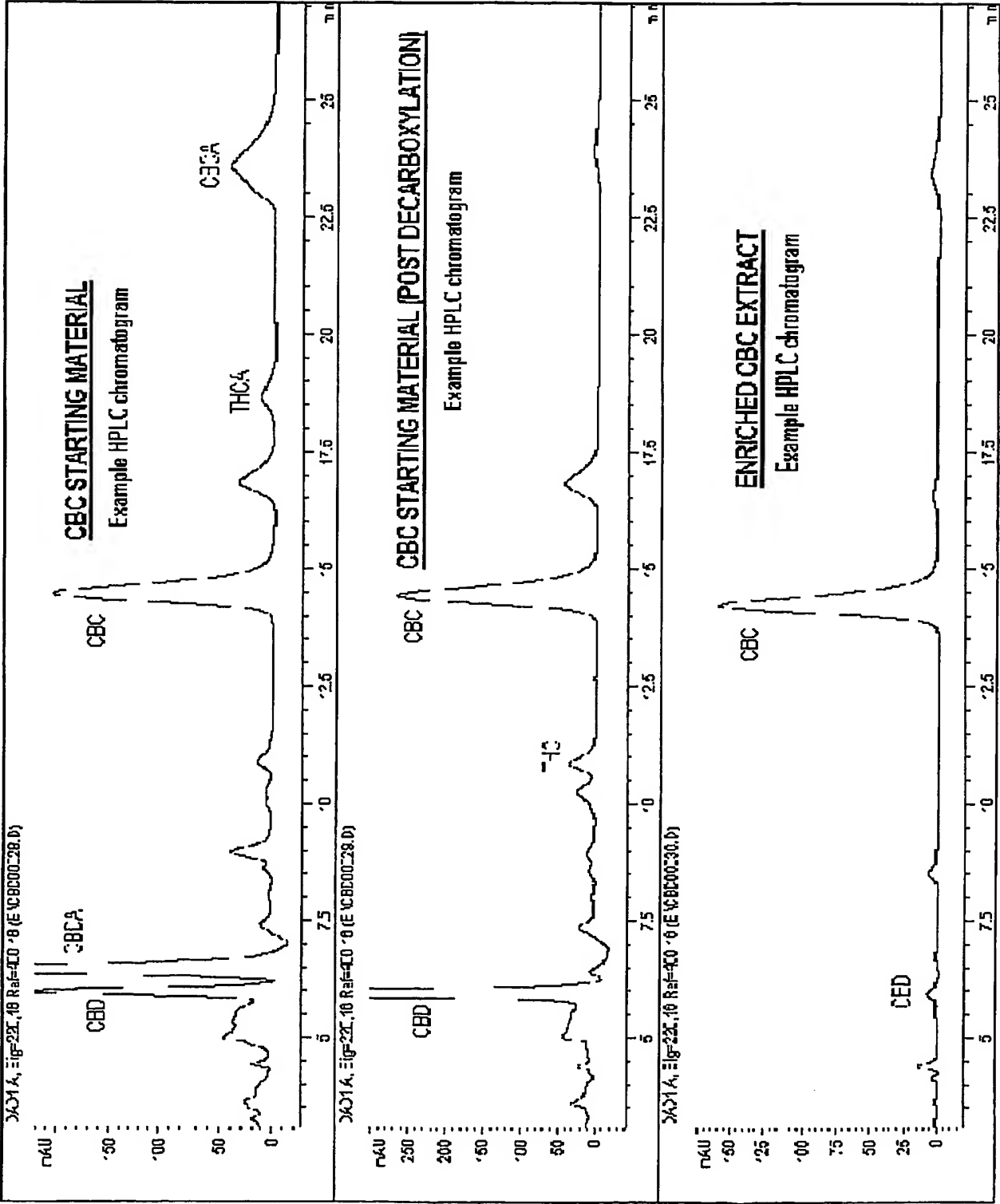


FIG. 9

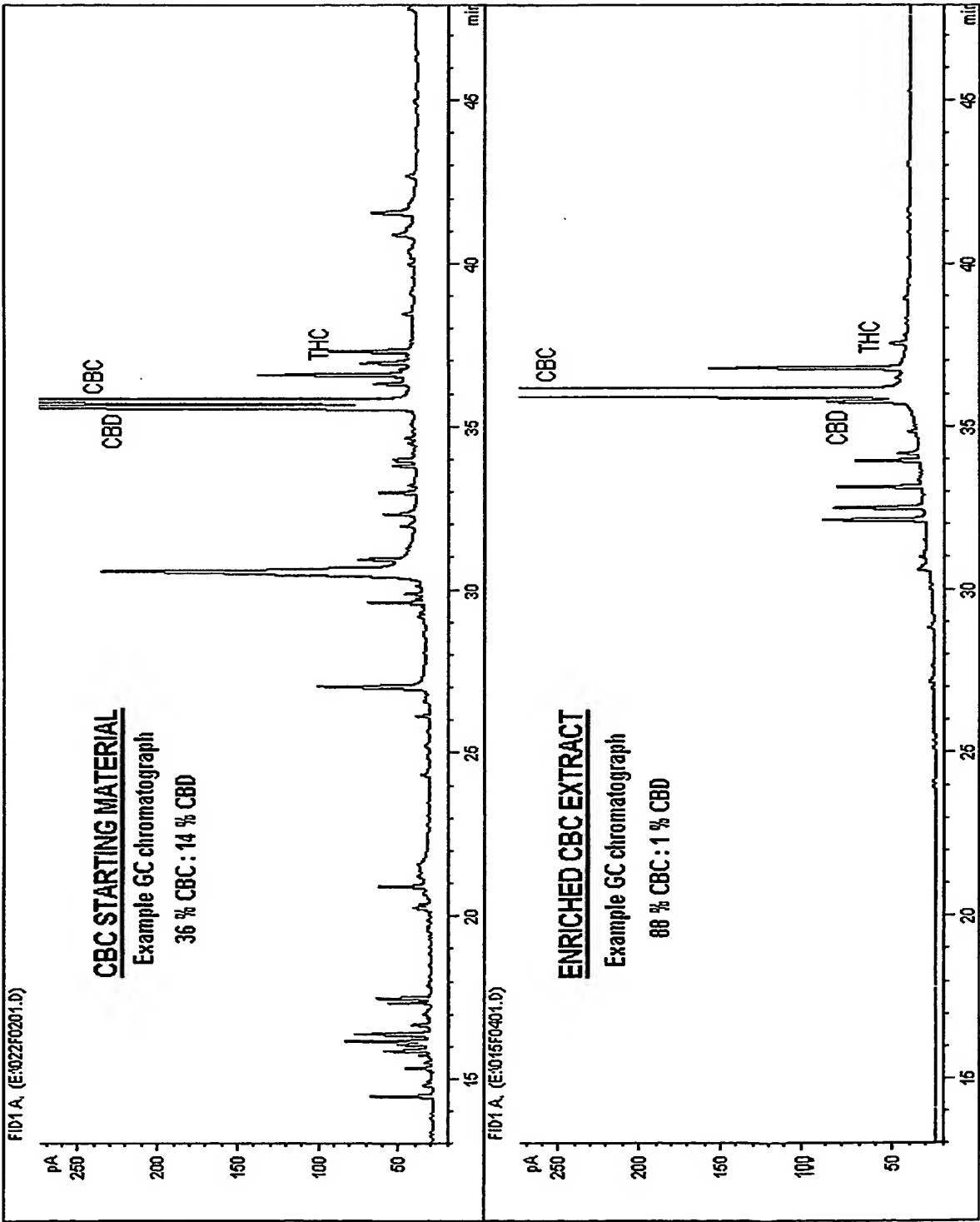


FIG. 10